

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

1-10. (Canceled)

11. (New) A cruise control system for a motor vehicle, comprising:

a sensor device for measuring an operating parameter of the motor vehicle and for measuring a distance to an object located in front of the motor vehicle; and

a controller for controlling one of a speed and an acceleration of the motor vehicle as a function of the measured operating parameter and distance data, wherein:

the controller includes a stop-and-go function for automatically controlling driving off, rolling, and stopping as a function of a movement of the object, and

the controller continuously checks the sensor device during the stop-and-go operation for at least one predefined condition that contradicts a safe stop-and-go operation, and in the presence of such a condition, initiates a procedure for the shutdown of the stop-and-go function.

12. (New) The cruise control system as recited in Claim 1, wherein one of the checked conditions is a turn.

13. (New) The cruise control system as recited in Claim 12, wherein the turn is detected when a turn radius determined by the sensor device is smaller than a predefined threshold value.

14. (New) The cruise control system as recited in Claim 12, wherein the turn is detected when a turn radius measured by the sensor device is constantly smaller than a predefined threshold value during a predefined time interval.

15. (New) The cruise control system as recited in Claim 11, wherein one of the checked conditions is that an instantaneous speed of the motor vehicle measured by the sensor device is essentially equal to an intended speed in effect for the stop-and-go function during a predefined time interval, and that no target object is detected during the predefined time interval.
16. (New) The cruise control system as recited in Claim 11, wherein one of the checked conditions is that an instantaneous speed of the motor vehicle measured by the sensor device is lower than a limiting speed permitted for the stop-and-go function during a predefined time interval, and that no target object is detected during the predefined time interval.
17. (New) The cruise control system as recited in Claim 11, wherein a procedure for shutdown of the stop-and-go function includes an output of a request to a driver to one of take over control of the motor vehicle and, provided a condition is met, to switch over to a regular cruise control mode and distance control mode.
18. (New) The cruise control system as recited in Claim 17, wherein the request includes an acoustic signal.
19. (New) The cruise control system as recited in Claim 11, wherein a procedure for shutdown of the stop-and-go function includes automatically regulating the speed of the motor vehicle one of down to zero and to a low speed value.
20. (New) The cruise control system as recited in Claim 17, wherein the speed is automatically regulated down after a certain waiting time subsequent to the output of the request has elapsed.